

**Lattice Semiconductor** 

## ICE65L08F-TCB196I

Part Number:

Manufacturer/Brand:

Product description Datasheets:

Ship From Shipment Way

RoHs Status

ICE65L08F-TCB196I

**Lattice Semiconductor** 

ICE65L08F-TCB196I.pdf

IC FPGA 150 I/O 196CSBGA

Lead free / RoHS Compliant

Hong Kong DHL/Fedex/TNT/UPS/EMS



Image may be representation. See specifications for product details.

**REQUEST FOR QUOTATION** 

PART NUMBER  ICE65L08F-TCB196I  MANUFACTURER  Lattice Semiconductor  IC FPGA 150 I/O 196CSBGA  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DATA SHEET  ICE65L08F-TCB196I.pdf  VOLTAGE - SUPPLY  1.14 V ~ 1.26 V  TOTAL RAM BITS  131072  SUPPLIER DEVICE PACKAGE  196-CSPBGA (8x8)  SERIES  ICE65TM L  PACKAGE / CASE  196-VFBGA, CSPBGA  OPERATING TEMPERATURE  A40°C ~ 85°C (TA)  NUMBER OF LOGIC ELEMENTS/CELLS  NUMBER OF I/O  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  LEAD free / ROHS Compliant  ICE65		Specifications of ICE65L08F-TCB196I
MANUFACTURER       Lattice Semiconductor         DESCRIPTION       IC FPGA 150 I/O 196CSBGA         LEAD FREE STATUS / ROHS STATUS       Lead free / RoHS Compliant         DATA SHEET       III ICE65L08F-TCB196I.pdf         VOLTAGE - SUPPLY       1.14 V ~ 1.26 V         TOTAL RAM BITS       131072         SUPPLIER DEVICE PACKAGE       196-CSPBGA (8x8)         SERIES       ICE65™ L         PACKAGE / CASE       196-VFBGA, CSPBGA         OPERATING TEMPERATURE       -40°C ~ 85°C (TA)         NUMBER OF LOGIC ELEMENTS/CELLS       7680         NUMBER OF LABS/CLBS       960         NUMBER OF I/O       150         MOUNTING TYPE       Surface Mount         MOISTURE SENSITIVITY LEVEL (MSL)       3 (168 Hours)         LEAD FREE STATUS / ROHS STATUS       Lead free / RoHS Compliant		
DESCRIPTION  IC FPGA 150 I/O 196CSBGA  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DATA SHEET  VOLTAGE - SUPPLY  1.14 V ~ 1.26 V  TOTAL RAM BITS  131072  SUPPLIER DEVICE PACKAGE  196-CSPBGA (8x8)  SERIES  iCE65 <sup>TM</sup> L  PACKAGE / CASE  196-VFBGA, CSPBGA  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LABS/CLBS  NUMBER OF LABS/CLBS  NUMBER OF I/O  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / ROHS Compliant	PART NUMBER	ICE65L08F-TCB196I
LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DATA SHEET  VOLTAGE - SUPPLY  1.14 V ~ 1.26 V  TOTAL RAM BITS  SUPPLIER DEVICE PACKAGE  196-CSPBGA (8x8)  SERIES  ICE65 <sup>TM</sup> L  PACKAGE / CASE  196-VFBGA, CSPBGA  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LOGIC ELEMENTS/CELLS  NUMBER OF LABS/CLBS  NUMBER OF I/O  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant	MANUFACTURER	Lattice Semiconductor
DATA SHEET  VOLTAGE - SUPPLY  1.14 V ~ 1.26 V  TOTAL RAM BITS  131072  SUPPLIER DEVICE PACKAGE  196-CSPBGA (8x8)  SERIES  ICE65™ L  PACKAGE / CASE  196-VFBGA, CSPBGA  OPERATING TEMPERATURE  NUMBER OF LOGIC ELEMENTS/CELLS  NUMBER OF LABS/CLBS  NUMBER OF I/O  MOUNTING TYPE  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS	DESCRIPTION	IC FPGA 150 I/O 196CSBGA
VOLTAGE - SUPPLY  TOTAL RAM BITS  131072  SUPPLIER DEVICE PACKAGE  196-CSPBGA (8x8)  SERIES  ICE65™ L  PACKAGE / CASE  196-VFBGA, CSPBGA  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LOGIC ELEMENTS/CELLS  NUMBER OF LABS/CLBS  960  NUMBER OF I/O  150  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
TOTAL RAM BITS  131072  SUPPLIER DEVICE PACKAGE  196-CSPBGA (8x8)  SERIES  ICE65™ L  PACKAGE / CASE  196-VFBGA, CSPBGA  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LOGIC ELEMENTS/CELLS  NUMBER OF LABS/CLBS  960  NUMBER OF I/O  150  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  131072  196-CSPBGA (8x8)  196-CSPBG	DATA SHEET	ICE65L08F-TCB196I.pdf
SUPPLIER DEVICE PACKAGE196-CSPBGA (8x8)SERIESiCE65™ LPACKAGE / CASE196-VFBGA, CSPBGAOPERATING TEMPERATURE-40°C ~ 85°C (TA)NUMBER OF LOGIC ELEMENTS/CELLS7680NUMBER OF LABS/CLBS960NUMBER OF I/O150MOUNTING TYPESurface MountMOISTURE SENSITIVITY LEVEL (MSL)3 (168 Hours)LEAD FREE STATUS / ROHS STATUSLead free / RoHS Compliant	VOLTAGE - SUPPLY	1.14 V ~ 1.26 V
SERIES  ICE65™ L  PACKAGE / CASE  196-VFBGA, CSPBGA  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LOGIC ELEMENTS/CELLS  7680  NUMBER OF LABS/CLBS  960  NUMBER OF I/O  150  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS	TOTAL RAM BITS	131072
PACKAGE / CASE  196-VFBGA, CSPBGA  OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LOGIC ELEMENTS/CELLS  7680  NUMBER OF LABS/CLBS  960  NUMBER OF I/O  150  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  196-VFBGA, CSPBGA  1680  NUMBER OF LOGIC ELEMENTS/CELLS  150  NUMBER OF I/O  150  Lead free / RoHS Compliant	SUPPLIER DEVICE PACKAGE	196-CSPBGA (8x8)
OPERATING TEMPERATURE  -40°C ~ 85°C (TA)  NUMBER OF LOGIC ELEMENTS/CELLS  7680  NUMBER OF LABS/CLBS  960  NUMBER OF I/O  150  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant	SERIES	iCE65™ L
NUMBER OF LOGIC ELEMENTS/CELLS 7680  NUMBER OF LABS/CLBS 960  NUMBER OF I/O 150  MOUNTING TYPE Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Tokan Compliant	PACKAGE / CASE	196-VFBGA, CSPBGA
NUMBER OF LABS/CLBS  960  NUMBER OF I/O  150  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  960  Surface Mount  Lead free / RoHS Compliant	OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O  MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant	NUMBER OF LOGIC ELEMENTS/CELLS	7680
MOUNTING TYPE  Surface Mount  MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant	NUMBER OF LABS/CLBS	960
MOISTURE SENSITIVITY LEVEL (MSL)  LEAD FREE STATUS / ROHS STATUS  3 (168 Hours)  Lead free / RoHS Compliant	NUMBER OF I/O	150
LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant	MOUNTING TYPE	Surface Mount
·	MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
RACE DADT NUMBED TOESS	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DASE PART NOPIDER ICEOS	BASE PART NUMBER	ICE65

## **Related Tags**

Lattice Semiconductor ICE65L08F-TCB196I	ICE65L08F-TCB196I Distributor	ICE65L08F-TCB196I Supplier
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# **Related Products**



Description: IC FPGA 222 I/O 284CSBGA In stock: Out stock

Manufacturers: Lattice Semiconductor

**RFQ** 

ICE65L08F-LCB196I

**ICE65L08F-TCB284I** 

**#LATTICE** 

ICE65L08F-TCB196C Manufacturers: Lattice Semiconductor

Description: IC FPGA 150 I/O 196CSBGA In stock: Out stock

**RFQ** 



Manufacturers: Lattice Semiconductor Description: IC FPGA 150 I/O 196CSBGA

In stock: Out stock

**RFQ** 



ICE65L08F-TCB132I Manufacturers: Lattice Semiconductor

Description: IC FPGA 95 I/O 132CSBGA In stock: Out stock

**RFQ** 



#### ICE65P04F-TCB121C Manufacturers: Lattice Semiconductor

Description: IC FPGA 95 I/O 121CSBGA

In stock: Out stock

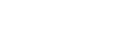
**RFQ** 



ICE65L08F-TCS110I

Manufacturers: Lattice Semiconductor Description: IC FPGA 92 I/O 110WLCSP

In stock: Out stock **RFQ** 



**#LATTICE** 

#### ICE65L08F-LCB284C Manufacturers: Lattice Semiconductor

Description: IC FPGA 222 I/O 284CSBGA In stock: Out stock

**RFQ** 



#### ICE65L08F-TCC72I Manufacturers: Lattice Semiconductor

Description: IC FPGA 55 I/O 72WLCSP In stock: Out stock

**RFQ** 



Manufacturers: Lattice Semiconductor

**ICE65L08F-LCB284I** 

Description: IC FPGA 222 I/O 284CSBGA In stock: Out stock

**RFQ** 

**ICE65P04F-TCB121I** 

**#LATTICE** 

### ICE65L08F-TCB284C Manufacturers: Lattice Semiconductor

Description: IC FPGA 222 I/O 284CSBGA In stock: Out stock

**RFQ** 

# **!!**LATTICE

Description: IC FPGA 95 I/O 121CSBGA In stock: Out stock

Manufacturers: Lattice Semiconductor

**RFQ** 



#### Manufacturers: Lattice Semiconductor Description: IC FPGA 95 I/O 132CSBGA

ICE65L08F-TCB132C

In stock: Out stock **RFQ** 



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